

NITROGUANIDINE DERIVATIVE, ITS PRODUCTION AND PEST CONTROLLING AGENT CONTAINING SAME

Publication number: JP3279359 (A)

Publication date: 1991-12-10

Inventor(s): HAGA TAKAHIRO; TOKI TADAAKI; KOYANAGI TORU; YOSHIDA KIYOMITSU; SASAKI HIROSHI; MORITA MASAYUKI

Applicant(s): ISHIHARA MINING & CHEMICAL CO

Classification:

- international: C07D213/53; A01N47/44; C07D213/06; A01N47/40; (IPC-1:7) A01N47/44; C07D213/53

- European:

Application numbers: JP19900077220 19900327

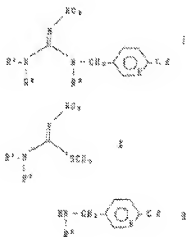
Priority number(s): JP19900077220 19900327

Abstract of JP 3279359 (A)

NEW MATERIAL: A compound of formula I (R<1>, R<2> and R<3> are each H, alkyl or acyl; when one of R<1>, R<2> and R<3> is acyl, the other two are each H or alkyl) and its salt. **EXAMPLE:** 1-(8-Chloro-3-pyridylmethyl)-1-methyl-2-nitroguanidine.

USE: Useful for pest controlling agents. Active for plant parasitic mites such as Two-spotted spider mite, agricultural insect pests such as Diamond-back moth, sanitary insect pests such as Ornithomyces brevis, stored grain insect pests such as Anguimella grain moth, clothing and house insect pests such as Tinea policonella, etc. Also having excellent penetrability, thus effective for soil treatment.

PREPARATION: The objective compound of the formula I can be obtained by reaction between a compound of formula II (R<1> and R<2> are each H, alkyl or acyl, being not acyl at the same time) and a second compound of formula III (R<3> is H, acyl or alkyl, when one of R<1> and R<2> is acyl, R<3> is H or alkyl).



Data supplied from the esp@cenet database --- Worldwide